

Industry-First^{*1}: Fujitsu General Launches New nocris W and L Series Air Conditioners with Removable Airflow Path for Easy Cleaning and Superior Energy Efficiency

Fujitsu General today announced the release of new nocris mid-range air conditioners for the Japanese market. New models of the nocris W Series will be released on Monday March 31, 2025, with the brand new L Series set for release on Wednesday April 30, 2025. Both series of products are equipped with enhanced cleaning functions, as well as high energy-saving performance and smart design, to meet a wide range of customer needs.



Overview of New nocris W and L Series Air Conditioners

- **An industry first!^{*1} Removable airflow path panel and timer function for easy cleaning**

The new models allow the removal of the left/right and up/down louvers at the air outlets, where dust and dirt tends to accumulate. Plus, in an industry-first innovation,^{*1} they also feature removable airflow path panels, to make cleaning even easier. This new “remove and clean” feature was developed in response to customer feedback amid the growing interest in room air quality. Typical comments were “I’m worried about dirt getting into parts of the indoor unit that I can’t reach” and “I would like to remove the dirty parts to clean them.” The new models are also equipped with the new “Marugoto Cleaning Timer” (a comprehensive cleaning timer that automates multiple cleaning functions). This combines three automatic functions: a heat exchanger heat sterilizer,^{*2} a mold control timer,^{*3} and automatic filter cleaner.^{*4} Keeping an air conditioner clean has never be so easy.

*1 For wall-mounted residential air conditioners in Japan. The airflow path is designed to be detachable. Scheduled for release on March 31, 2025 (As of March 1, 2025, based on research by Fujitsu General.)

- **All these models meet the latest energy efficiency standard!^{*5}**

All W and L Series models boast high energy-saving performance, fully meeting the 2027 energy efficiency standards. Air conditioners are being used more and more frequently due to increasingly extreme hot and cold weather. In light of this, the company is addressing the needs of consumers concerned about their electricity bills.

- **Neat, streamlined design based on a “clean and smart” concept**

In recent years, the size of indoor units has increased to enable energy-saving improvements. However, this has resulted in a bulkier and more oppressive appearance. To address this issue, we strived to create a design that reduces this sense of heaviness. We did this by reducing the depth and improving texture and shadowing of the front panel, all while maintaining the exceptional energy efficiency of the preceding models.

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Main Features of New nocria W Series and L Series Air Conditioners

1. Removable airflow path panel and timer function for easy cleaning

- Three parts can now be easily removed: the up/down louver and left/right louver, and now also, for the first time in the industry,^{*1} the (two) airflow path panels. Before now, the only way to clean indoor units was to wipe dirt from the exterior. With the W and L Series, all the parts that air flows through can be removed to access troublesome dust and dirt. This makes cleaning easier than ever. Removing the air outlet, which serves as the airflow path, and washing it with water improves indoor air quality, a concern for many people.

* Please unplug the power plug from the outlet when performing maintenance.



- The new models are also equipped with a “Marugoto Cleaning Timer” that provides three fully automated self-cleaning functions. These are a heat exchanger heat sterilizer,^{*2} mold control timer,^{*3} and automatic filter cleaner^{*4}. There is no need to set up any of these functions after the air conditioner is initially set up. This functionality was previously found only on the high-end nocria X and Z Series. Now, it is available on mid-range nocria models, so more people can enjoy the convenience it offers.

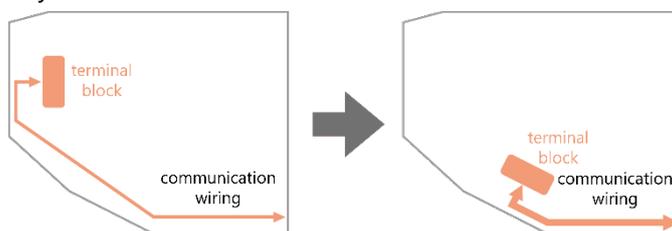
2. With high energy-saving performance, all models meet the latest energy efficiency standard^{*5}

- All models of the W and L Series (6 to 23 mats) boast high energy-saving performance that fully satisfies Japan’s 2027 energy efficiency standard.
- They are also equipped with an automatic ECO function^{*6} that utilizes a sensor to detect human movement. This enables energy-efficient operation that is optimized to the user’s lifestyle, making it easier than ever to enjoy a comfortable indoor environment.



3. Revised positions of communication wiring make replacement easier

- The position of the indoor unit terminal block was modified to make communication wiring with the outdoor unit shorter. This improvement eliminates problems of insufficient wire length. This issue was commonly observed during air conditioners in the case of concealed piping. It also enables greater compatibility with more installation environments.^{*7} As well as giving customers more options when replacing air conditioners, this also simplifies the work of busy installation technicians.



4. Neat, streamlined design based on a “clean and smart” concept

- The new W Series represents a design refresh of previous models. To achieve a sleeker shape, the depth of the indoor unit was reduced by 37 mm. The design is characterized by a smooth form and more compact style. And functional elements such as the brand logo and display LED are horizontally aligned. The result is a simpler, more streamlined look. Another goal was to ensure that the product blends in well with chic interiors. The high-quality surface finish evokes the understated beauty of woven fabrics. It also helps to make cleaning easy.
- The L Series offers a slim, compact design that looks good in almost any kind of interior. Its design is a departure from the hard, inorganic design of typical air conditioners. A soft texture and rounded form ensure that the product does not look out of place or heavy in the room.



Fujitsu General recently announced a new vision, "Creating a Life Conditioner," to express its commitment to creating comfort through its products and services, and protecting all life. Like this, we hope to help ensure the smiles of future children and the health of the global environment. Fujitsu General is leveraging the manufacturing strengths that have enabled it to develop numerous world-first and industry-first innovations. At the same time, it is committed to offering value not just in the field of air conditioning, but also, more broadly, in the sphere of well-being, through health and productivity.



*2 In the AS-W225S. [Test method] In a test room (of approx. 6 mats) at an outside temperature of 27°C and humidity of 78%. "Before and after" comparison of heat sterilization. We confirmed that in 10 minutes, bacteria and mold levels were each reduced by 99% or more (1 bacteria species and 1 mold species were tested). [Testing institution] Kitasato Research Center for Environmental Science [Report No.] 2024_1246, 2024_0308. Some of the bacterial liquid in the heat exchanger was collected and evaluated. Effectiveness may decline due to the operating environment. Note that this function does not eliminate odors or stains.

*3 [Testing institution] Mold Forecasting Laboratory [Test details] The effectiveness of mold control was evaluated using air conditioners equipped with a mold sensor in the company's environmental test lab. The evaluation compared conditions with mold control turned ON and OFF, under a room temperature of 27°C and humidity of 78%, during three days of air conditioner (cooling) operation for 9 hours per day. [Report No.] 250104. Note that the mold control timer cannot be set independently.

*4 The automatic filter cleaning function is available only in the W Series.

*5 The efficiency standard set to take effect in 2027 was met in 100% of cases.

*6 In AS-W405S2. 118 Wh with the automatic ECO function ON compared to 131 Wh with the function OFF per hour, at an outside temperature of 35°C, thermostat setting of 27°C, automatic fan speed, horizontal airflow direction, and stable cooling operation. 101 Wh with the automatic ECO function ON compared to 114 Wh with the function OFF per hour in the FG 14-tatami-mat-sized environmental test lab at an outside temperature of 7°C, thermostat setting of 20°C, automatic fan speed, standard heating airflow direction, and stable heating operation.

*7 The approximate length of wiring from the center of the wall hole to the terminal block of the indoor unit is 190 mm in the case of right-rear piping, and 1,100 mm in the case of left-rear piping. Note that installation may be not be possible under some conditions.

Main Specifications

Product name	nocria residential air conditioner							
Series name	W Series							
Model name	AS-W225S	AS-W255S	AS-W285S	AS-W365S	AS-W405S2	AS-W565S2	AS-W635S2	AS-W715S2
Power source	1φ 100 V	1φ 100 V	1φ 100 V	1φ 100 V	1φ 200 V	1φ 200 V	1φ 200 V	1φ 200 V
Room size (mats)	Approx. 6	Approx. 8	Approx. 10	Approx. 12	Approx. 14	Approx. 18	Approx. 20	Approx. 23
Cooling capacity	2.2 kW	2.5 kW	2.8 kW	3.6 kW	4.0 kW	5.6 kW	6.3 kW	7.1 kW
Heating capacity	2.2 kW	2.8 kW	3.6 kW	4.2 kW	5.0 kW	6.7 kW	7.1 kW	8.5 kW
Heating (low-temp.) capacity (for outdoor temp. of 2°C)	3.0 kW	3.2 kW	3.8 kW	4.2 kW	5.6 kW	8.7 kW	9.2 kW	9.3 kW
Annual energy consumption	630 kWh	717 kWh	802 kWh	1,032 kWh	1,146 kWh	1,681 kWh	1,953 kWh	2,276 kWh
Energy-saving mark (Target fiscal year 2027)								
Energy standard compliance rate	100%	100%	100%	100%	100%	100%	100%	100%
APF	6.6	6.6	6.6	6.6	6.6	6.3	6.1	5.9
Indoor unit ext. dimensions	298 mm (H) × 799 mm (W) × 348 mm (D)							
Release date	March 31, 2025							
Suggested retail price	Open price							

* The W Series complies with the energy efficiency standard set to take effect in 2027.

Product name	nocria residential air conditioner							
Series name	L Series							
Model name	AS-L225S	AS-L255S	AS-L285S	AS-L365S	AS-L405S2	AS-L565S2	AS-L635S2	AS-L715S2
Power source	1φ 100 V	1φ 100 V	1φ 100 V	1φ 100 V	1φ 200 V	1φ 200 V	1φ 200 V	1φ 200 V
Room size (mats)	Approx. 6	Approx. 8	Approx. 10	Approx. 12	Approx. 14	Approx. 18	Approx. 20	Approx. 23
Cooling capacity	2.2 kW	2.5 kW	2.8 kW	3.6 kW	4.0 kW	5.6 kW	6.3 kW	7.1 kW
Heating capacity	2.2 kW	2.8 kW	3.6 kW	4.2 kW	5.0 kW	6.7 kW	7.1 kW	8.5 kW
Heating (low-temp.) capacity (for outdoor temp. of 2°C)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Annual energy consumption	630 kWh	717 kWh	802 kWh	1,032 kWh	1,146 kWh	1,681 kWh	1,953 kWh	2,276 kWh
Energy-saving mark (Target fiscal year 2027)								
Energy standard compliance rate	100%	100%	100%	100%	100%	100%	100%	100%
APF	6.6	6.6	6.6	6.6	6.6	6.3	6.1	5.9
Indoor unit ext. dimensions	298 mm (H) × 799 mm (W) × 305 mm (D)							
Release date	April 30, 2025							
Suggested retail price	Open price							

* The L Series complies with the energy efficiency standard set to take effect in 2027.

[Trademarks]

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